

Attorney Docket No. 837.1969

OJC
AJ

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Yoichi OIKAWA, et al.

Application No.: 09/924,606

ATTENTION

Confirmation No.: 5250

CERTIFICATE OF CORRECTION

Filed: August 9, 2001

BRANCH

U.S. Patent No.: 6,907,154

Issued: June 14, 2005

For: OPTICAL SWITCH HAVING SWITCH CELLS WITH MOVABLE SWITCH MIRRORS
(AS AMENDED)

THIRD REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Patentees respectfully request that a Superseding Certificate of Correction be issued in the subject patent, pursuant to 35 U.S.C. §254 and 37 C.F.R. §1.322, to correct the mistakes shown on the attached Form PTO-1050. The original superseding Certificate of Correction issued from the U.S. Patent and Trademark Office on August 7, 2007, omits some information given on the PTO-1050 filed on June 7, 2007. A copy of the above-mentioned Certificate of Correction, with the error noted in red, is enclosed for your convenience. This will supersede all previous Certificate of Corrections.

Since the mistakes are Patent Office mistakes, it is believed that no fee is required.

Respectfully submitted,

STAAS & HALSEY LLP

Date: SEP 10 2007

By: [Signature]
Gene M. Garner II
Registration No. 34,172

Certificate

1201 New York Ave, N.W., 7th Floor
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501

SEP 12 2007
of Correction

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,907,154

DATED : June 14, 2005

INVENTOR(S) : Yoichi OIKAWA, et al.

Column 19, Line 60, change "comprises;" to --comprises:--.

Column 20, Line 56, change "substrate;" to --substrate,--.

Column 20, Line 58, after "where" insert --incident--.

Column 20, Line 67, change "moveable" to --movable--.

Column 20, Line 67, change "members" to --member--.

Column 21, Line 1, change "moveable" to --movable--.

Column 21, Line 2, change "members;" to --members,--.

Column 21, Line 3, change "moveable" to --movable--.

Column 21, Line 5, change "moveable" to --movable--.

Column 21, Line 7, change "moveable" to --movable--.

Column 21, Line 15, change "moveable" to --movable--.

Column 21, Line 17, change "moveable" to --movable--.

Column 21, Line 18, change "moveable" to --movable--.

Column 21, Line 19, change "member;" to --member,--.

Column 21, Line 21, change "moveable" to --movable--.

Column 21, Line 21, change "being" to --are--.

MAILING ADDRESS OF SENDER:
STAAS & HALSEY LLP
1201 New York Ave., N.W.
7th Floor
Washington, DC 20005

PATENT NO. 6,907,154

Page 1 of 3
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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,907,154

DATED : June 14, 2005

INVENTOR(S) : Yoichi OIKAWA, et al.

Column 21, Line 23, change "moveable" to --movable--.

Column 21, Line 25, change "moveable" to --movable--.

Column 21, Line 33, change "moveable" to --movable--.

Column 21, Line 35, change "moveable" to --movable--.

Column 21, Line 36, change "moveable" to --movable--.

Column 21, Line 37, change "member;" to --member,--.

Column 21, Line 38, after "ports" insert --are--.

Column 21, Line 39, change "equal;" to --equal,--.

Column 21, Line 40, change "moveable" to --movable--.

Column 21, Line 42, change "moveable" to --movable--.

Column 21, Line 45, change "moveable" to --movable--.

Column 21, Line 48, after "of" delete "optical".

Column 21, Line 58, change "means;" to --means,--.

Column 21, Line 59, change "moveable" to --movable--.

Column 21, Line 61, change "moveable" to --movable--.

Column 21, Line 64, change "moveable" to --movable--.

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PATENT NO. 6,907,154

Page 2 of 3
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Column 22, Line 10, change "means" to --means,--.

Column 22, Line 12, change "moveable" to --movable--.

Column 22, Line 14, change "moveable" to --movable--.

Column 22, Line 16, change "moveable" to --movable--.

Column 22, Line 26, change "moveable" to --movable--.

Column 22, Line 33, change "direction;" to --direction,--.

Column 22, Line 34, change "moveable" to --movable--.

Column 22, Line 36, change "moveable" to --movable--.

Column 22, Line 38, change "moveable" to --movable--.

Column 22, Line 46, after "member;" insert --and--.

Column 22, Line 47, change "moveable" to --movable--.

Column 22, Line 50, change "moveable" to --movable--.

Column 22, Line 52, change "moveable" to --movable--.

Column 22, Line 56, change "moveable" to --movable--.

Column 22, Line 58, change "moveable" to --movable--.

Column 22, Line 60, change "moveable" to --movable--.

Column 23, Line 3, change "member;" to --member,--.

Column 24, Line 3, change "member;" to --member,--.

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PATENT NO. 6,907,154

Page 3 of 3
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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,907,154 B2
APPLICATION NO. : 09/924606
DATED : June 14, 2005
INVENTOR(S) : Yoichi Oikawa et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 19, Line 60, change "comprises;" to --comprises:--.

Column 20, Line 56, change "substrate;" to --substrate,--.

Column 20, Line 58, after "where" insert --incident--.

Column 20, Line 67, change "moveable" to --movable--.

Column 20, Line 67, change "members" to --member--.

Column 21, Line 1, change "moveable" to --movable--.

Column 21, Line 2, change "members;" to ~~[members--]~~ -- members, --

Column 21, Line 3, change "moveable" to --movable--.

Column 21, Line 5, change "moveable" to --movable--.

Column 21, Line 7, change "moveable" to --movable--.

Column 21, Line 15, change "moveable" to --movable--.

Column 21, Line 17, change "moveable" to --movable--.

Column 21, Line 18, change "moveable" to --movable--.

Column 21, Line 19, change "member;" to --member,--.

Column 21, Line 21, change "moveable" to --movable--.

Column 21, Line 21, change "being" to --are--.

Column 21, Line 23, change "moveable" to --movable--.

Column 21, Line 25, change "moveable" to --movable--.

Column 21, Line 33, change "moveable" to --movable--.

Column 21, Line 35, change "moveable" to --movable--.

~~[Column 21, Line 36, change "members" to --member--]~~

-- Column 21, Line 36, change "moveable" to --movable--. --

MARKED-UP
COPY OF
THE CERTIFICATE
OF CORRECTION
DATED
AUGUST 7, 2007

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,907,154 B2
APPLICATION NO. : 09/924606
DATED : June 14, 2005
INVENTOR(S) : Yoichi Oikawa et al.

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- "member;" to --member;--.
- Column 21, Line 37, change [moveable] to --movable--.
- Column 21, Line 38, after "ports" insert --are--.
- Column 21, Line 39, change "equal;" to --equal,--.
- Column 21, Line 40, change "moveable" to --movable--.
- Column 21, Line 42, change "moveable" to --movable--.
- Column 21, Line 45, change "moveable" to --movable--.
- after "of" delete --optical--.
- Column 21, Line 48, change [moveable] to --movable--.
- Column 21, Line 58, change [moveable] to --movable--. "means;" to --means,--.
- Column 21, Line 59, change "moveable" to --movable--.
- Column 21, Line 61, change "moveable" to --movable--.
- Column 21, Line 64, change "moveable" to --movable--.
- Column 22, Line 10, change "means" to --means,--.
- Column 22, Line 12, change "moveable" to --movable--.
- Column 22, Line 14, change "moveable" to --movable--.
- Column 22, Line 16, change "moveable" to --movable--.
- Column 22, Line 26, change "moveable" to --movable--.
- Column 22, Line 33, change "direction;" to --direction,--.
- Column 22, Line 34, change "moveable" to --movable--.
- Column 22, Line 36, change [members] to --member--. "moveable" to --movable--.
- Column 22, Line 38, change "moveable" to --movable--.
- Column 22, Line 46, after [member] insert --and--. "member;" insert --and--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,907,154 B2
APPLICATION NO. : 09/924606
DATED : June 14, 2005
INVENTOR(S) : Yoichi Oikawa et al.

Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 22, Line 47, change "moveable" to --movable--.

Column 22, Line 50, change "moveable" to --movable--.

Column 22, Line 52, change "moveable" to --movable--.

Column 22, Line 56, change "moveable" to --movable--.

Column 22, Line 58, change "moveable" to --movable--.

Column 22, Line 60, change "moveable" to --movable--.

Column 23, Line 3, change "member;" to --member,--.

Column 24, Line 3, change "member;" to --member,--.

This certificate supersedes Certificate of Correction issued May 1, 2007.

Signed and Sealed this

Seventh Day of August, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office

Please Date Stamp and return

Second Request for Certificate of Correction and 3 pages of the PTO Form 1050, a Marked-Up copy of the Certificate of Correction; a copy of the Request for Certificate of Correction dated March 15, 2007.

APPLICANT(S): Yoichi OIKAWA, et al.

SERIAL NO: 09/924,606

CONFIRMATION NO. 5250

TITLE: OPTICAL SWITCH HAVING SWITCH CELLS WITH MOVABLE SWITCH MIRRORS (AS AMENDED)

FILING DATE: August 9, 2001

DOCKET NO: 837.1969/GMG:gyn

DUE DATE: n/a

COPY



Please Date Stamp and return

Second Request for Certificate of Correction and 3 pages of the PTO Form 1050, a Marked-Up copy of the Certificate of Correction; a copy of the Request for Certificate of Correction dated March 15, 2007.

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Application No.: 09/924,606

ATTENTION

Confirmation No.: 5250

CERTIFICATE OF CORRECTION

Filed: August 9, 2001

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U.S. Patent No.: 6,907,154

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Issued: June 14, 2005

For: OPTICAL SWITCH HAVING SWITCH CELLS WITH MOVABLE SWITCH MIRRORS
(AS AMENDED)

SECOND REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Patentees respectfully request that a Superseding Certificate of Correction be issued in the subject patent, pursuant to 35 U.S.C. §254 and 37 C.F.R. §1.322, to correct the mistakes shown on the attached Form PTO-1050. The original Certificate of Correction issued from the U.S. Patent and Trademark Office on May 1, 2007, omitted a page of the PTO-1050 filed on March 15, 2007. A copy of the above-mentioned Certificate of Correction, with the error noted in red, is enclosed for your convenience. This will supersede all previous Certificate of Corrections.

Since the mistakes are Patent Office mistakes, it is believed that no fee is required.

Respectfully submitted,

STAAS & HALSEY LLP

Date: Sept 7, 2007

By: [Signature]
Gene M. Garner II
Registration No. 34,172

1201 New York Ave, N.W., 7th Floor
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,907,154

DATED : June 14, 2005

INVENTOR(S) : Yoichi OIKAWA, et al.

COPY

Column 19, Line 60, change "comprises;" to --comprises:--.

Column 20, Line 56, change "substrate;" to --substrate,--.

Column 20, Line 58, after "where" insert --incident--.

Column 20, Line 67, change "moveable" to --movable--.

Column 20, Line 67, change "members" to --member--.

Column 21, Line 1, change "moveable" to --movable--.

Column 21, Line 2, change "members;" to --members,--.

Column 21, Line 3, change "moveable" to --movable--.

Column 21, Line 5, change "moveable" to --movable--.

Column 21, Line 7, change "moveable" to --movable--.

Column 21, Line 15, change "moveable" to --movable--.

Column 21, Line 17, change "moveable" to --movable--.

Column 21, Line 18, change "moveable" to --movable--.

Column 21, Line 19, change "member;" to --member,--.

Column 21, Line 21, change "moveable" to --movable--.

Column 21, Line 21, change "being" to --are--.

MAILING ADDRESS OF SENDER:

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Washington, DC 20005

PATENT NO. 6,907,154

Page 1 of 3
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UNITED STATES PATENT AND TRADEMARK OFFICE

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PATENT NO : 6,907,154

DATED : June 14, 2005

INVENTOR(S) : Yoichi OIKAWA, et al.

COPY

Column 21, Line 23, change "moveable" to --movable--.

Column 21, Line 25, change "moveable" to --movable--.

Column 21, Line 33, change "moveable" to --movable--.

Column 21, Line 35, change "moveable" to --movable--.

Column 21, Line 36, change "moveable" to --movable--.

Column 21, Line 37, change "member;" to --member,--.

Column 21, Line 38, after "ports" insert --are--.

Column 21, Line 39, change "equal;" to --equal,--.

Column 21, Line 40, change "moveable" to --movable--.

Column 21, Line 42, change "moveable" to --movable--.

Column 21, Line 45, change "moveable" to --movable--.

Column 21, Line 48, after "of" delete "optical".

Column 21, Line 58, change "means;" to --means,--.

Column 21, Line 59, change "moveable" to --movable--.

Column 21, Line 61, change "moveable" to --movable--.

Column 21, Line 64, change "moveable" to --movable--.

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PATENT NO. 6,907,154

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UNITED STATES PATENT AND TRADEMARK OFFICE

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PATENT NO : 6,907,154

DATED : June 14, 2005

INVENTOR(S) : Yoichi OIKAWA, et al.

COPY

Column 22, Line 10, change "means" to --means,--.

Column 22, Line 12, change "moveable" to --movable--.

Column 22, Line 14, change "moveable" to --movable--.

Column 22, Line 16, change "moveable" to --movable--.

Column 22, Line 26, change "moveable" to --movable--.

Column 22, Line 33, change "direction;" to --direction,--.

Column 22, Line 34, change "moveable" to --movable--.

Column 22, Line 36, change "moveable" to --movable--.

Column 22, Line 38, change "moveable" to --movable--.

Column 22, Line 46, after "member;" insert --and--.

Column 22, Line 47, change "moveable" to --movable--.

Column 22, Line 50, change "moveable" to --movable--.

Column 22, Line 52, change "moveable" to --movable--.

Column 22, Line 56, change "moveable" to --movable--.

Column 22, Line 58, change "moveable" to --movable--.

Column 22, Line 60, change "moveable" to --movable--.

Column 23, Line 3, change "member;" to --member,--.

Column 24, Line 3, change "member;" to --member,--.

MAILING ADDRESS OF SENDER:

STAAS & HALSEY LLP
1201 New York Ave., N.W.
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Washington, DC 20005

PATENT NO. 6,907,154

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

COPY

PATENT NO. : 6,907,154 B2
APPLICATION NO. : 09/924606
DATED : June 14, 2005
INVENTOR(S) : Yoichi Oikawa et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 19, Line 60, change "comprises;" to --comprises:--.

Column 20, Line 56, change "substrate;" to --substrate,--.

Column 20, Line 58, after "where" insert --incident--.

Column 20, Line 67, change "moveable" to --movable--.

Column 20, Line 67, change "members" to --member--.

Column 21, Line 1, change "moveable" to --movable--.

Column 21, Line 2, change "members;" to --members--.

Column 21, Line 3, change "moveable" to --movable--.

Column 21, Line 5, change "moveable" to --movable--.

Column 21, Line 7, change "moveable" to --movable--.

Column 21, Line 15, change "moveable" to --movable--.

Column 21, Line 17, change "moveable" to --movable--.

Column 21, Line 18, change "moveable" to --movable--.

Column 21, Line 19, change "member;" to --member,--.

Column 21, Line 21, change "moveable" to --movable--.

Column 21, Line 21, change "being" to --are--.

Column 22, Line 12, change "moveable" to --movable--.

Column 22, Line 14, change "moveable" to --movable--.

Column 22, Line 16, change "moveable" to --movable--.

Column 22, Line 26, change "moveable" to --movable--.

Column 22, Line 33, change "direction;" to --direction,--.

COPY

INSERT FROM 2ND REQUEST

-- COLUMN 21, LINE 25, change "moveable" to --movable
TO
-- COLUMN 22, LINE 10, change "means" to --means, -- --

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

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PATENT NO. : 6,907,154 B2
APPLICATION NO. : 09/924606
DATED : June 14, 2005
INVENTOR(S) : Yoichi Oikawa et al.

Page 2 of 2

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Column 22, Line 34, change "moveable" to --movable--.

Column 22, Line 36, change "members" to --member--.

Column 22, Line 38, change "moveable" to --movable--.

Column 22, Line 46, after "member" insert --and--.

Column 22, Line 47, change "moveable" to --movable--.

Column 22, Line 50, change "moveable" to --movable--.

Column 22, Line 52, change "moveable" to --movable--.

Column-22, Line 56, change "moveable" to --movable--.

Column 22, Line 58, change "moveable" to --movable--.

Column 22, Line 60, change "moveable" to --movable--.

Column 23, Line 3, change "member;" to --member,--.

Column 24, Line 3, change "member;" to --member,--.

COPY

Signed and Sealed this

First Day of May, 2007



Jon W. Dudas

JON W. DUDAS
Director of the United States Patent and Trademark Office



Attorney Docket No. 837.1969

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Yoichi OIKAWA et al.

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Respectfully submitted,

STAAS & HALSEY LLP

Date:

March 15, 2007

By:


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Column 21, Line 21, change "being" to --are--.

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Column 21, Line 23, change "moveable" to --movable--.

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Column 21, Line 33, change "moveable" to --movable--.

Column 21, Line 35, change "moveable" to --movable--.

Column 21, Line 36, change "members" to --member--.

Column 21, Line 37, change "moveable" to --movable--.

Column 21, Line 39, change "equal;" to --equal,--.

Column 21, Line 38, after "ports" insert --are--.

Column 21, Line 40, change "moveable" to --movable--.

Column 21, Line 42, change "moveable" to --movable--.

Column 21, Line 45, change "moveable" to --movable--.

Column 21, Line 48, change "moveable" to --movable--.

Column 21, Line 58, change "moveable" to --movable--.

Column 21, Line 59, change "moveable" to --movable--.

Column 21, Line 61, change "moveable" to --movable--.

Column 21, Line 64, change "moveable" to --movable--.

Column 22, Line 10, change "means" to --means,--.

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Column 22, Line 16, change "moveable" to --movable--.

Column 22, Line 26, change "moveable" to --movable--.

Column 22, Line 33, change "direction;" to --direction,--.

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Column 24, Line 3, change "member;" to --member,--.

MAILING ADDRESS OF SENDER:

STAAS & HALSEY LLP
1201 New York Ave., N.W.
7th Floor
Washington, DC 20005

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Page 3 of 3
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